

► General data



Printed circuit terminal block, nominal current: 17.5 A, rated voltage: 250 V, pitch: 5.0 mm, no. of positions: 3, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 0°

Order number	1715035
Type	MKDS 1,5/ 3

Barcode number	4017918024154
Unit pack	50 Piece
Customs tariff	85369010000

► Technical data

Dimensions / positions

Pitch	5 mm
Dimension a	15 mm
Number of positions	3
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm
Screw thread	M 3
Tightening torque	0.5 Nm

Technical data

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal voltage U_N	250 V
Nominal cross section	1.5 mm ²
Maximum load current	22 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	7 mm

Connection data

Min. conductor cross section, rigid	0.14 mm ²
Conductor cross section, rigid max.	2.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Max. conductor cross section, flexible	1.5 mm ²
Min. conductor cross section, flexible, with ferrule with plastic sleeve	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Max. conductor cross section, flexible, with ferrule with plastic sleeve	1.5 mm ²
Min. conductor cross section AWG/kcmil	26
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors of the same cross section, flexible, min.	0.14 mm ²
2 conductors with same cross section, flexible max.	0.75 mm ²
2 conductors of the same cross section, flexible, with AEH without plastic sleeve, min.	0.25 mm ²
2 conductors with identical cross section, flexible with AEH with plastic sleeve max.	0.5 mm ²
2 conductors of the same cross section, flexible, with TWIN-AEH with plastic sleeve, min.	0.5 mm ²
2 conductors with identical cross section, flexible with TWIN-AEH with plastic sleeve max.	1 mm ²

► Certificates

UL

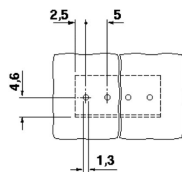
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-14

CSA

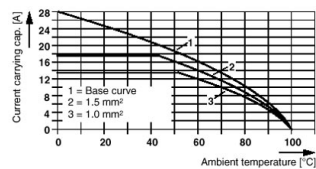
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	28-14

► Drawings

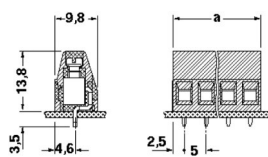
Drilling diagram



Diagram



Dimensioned drawing



Approval logo



► Accessories

Item	Designation	Description
Assembly		
1702048	RZ 1,25-MKDS 1,5	Pitch spacer, for adjusting the pitches between MKDS and GMKDS terminal blocks in mixed rows, 1.25 mm thick
General		
1733169	EBP 2- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2
Marking		
0804183	SK 5/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
Tools		
1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval

► Address

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